

FIG. 6

	_				 	
	844	Set-up time	Personal Equipment Repair Time			
		Set	Technician ID			
	8/		Dead time			
	78		PM time			
	24	-up	Material			
	~ 9	Set-up time	Tool/Machine			
	Ì		Undefined			
			QC Problem			
	28	Operator	Tool failure			
	<u>«</u> ۷	Ope	Machine failure			
			No Material			_
	6	*	No Operator			FIG. 7
	839	Prod	uction Run time			ū
	838	Sche	edule Shift time			
	\ 33	Pa	rts Produced			
	836	Operator	Personal Equipment Time			
		Ö	ID			1
	835	Work F	Post (Equipment) ID			
•	834	C	peration ID			- 10
	833		Part ID			245
	832		Job Order			
	831		CT Current Time			

.

FIG. /

<u> </u>	TT		←		→	1		_				1
Print						7	(S)	31			Cancel	
Delete	200	Seniority	3	4	-	L Contraction					X	
Copy	600	Date of Hire	10/23/99 03/04/98	05/06/98	10/01/01							
MeN	ACAL	Hourly Rate	7.25 10.50	8.50	00.9		8.50	86/90/50				
i ti	במו	Position	Operator Line Lieder	Operator	Operator		Hourly Rate 8.	Date of Hire 08	Seniority 4			
loyees Passports	2001	Division	Machining Machining	Machining	Machining		Hon	Date	Sen		vision	
Employees Dariod	חסוום		iith er								close supervision	
	LIIIpioyee	Name	Bob G Smith Tom Parker	Jim Eagle	Bill Carter		20358	Jim Eagle	Machining	Operator	Needs close	
ABC Corporation		<u> </u>	~ 20356 ~ 20357	~ 20358	~ 20359	Details		Name	Division [Position [Description	
2,000)))		307	303	304					1	 	

FIG. 8

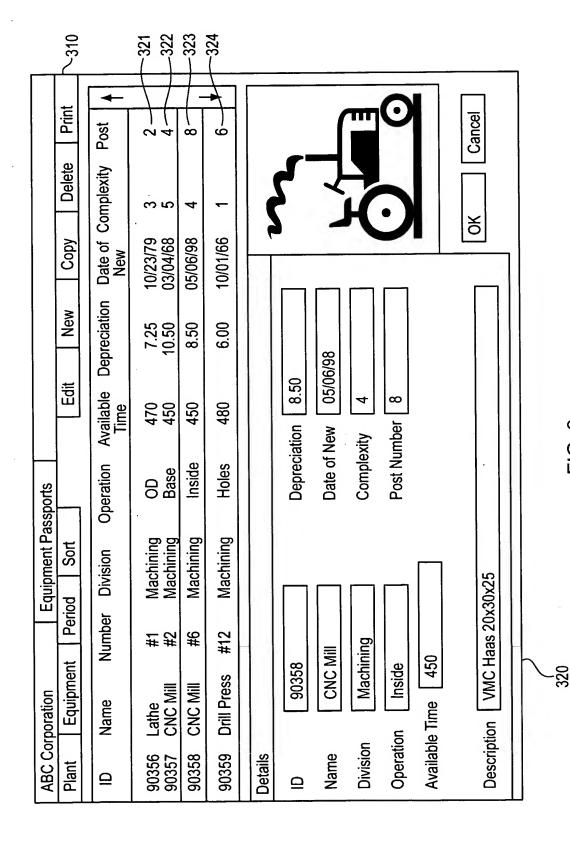
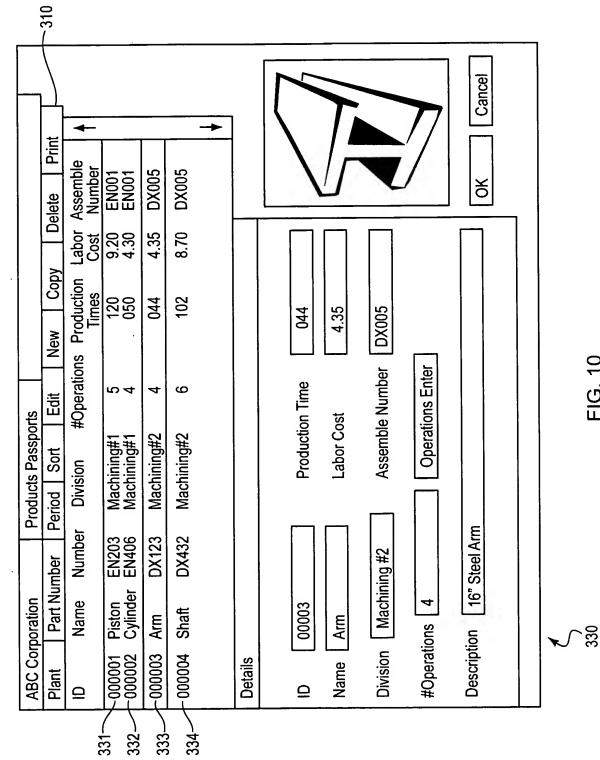


FIG. 9



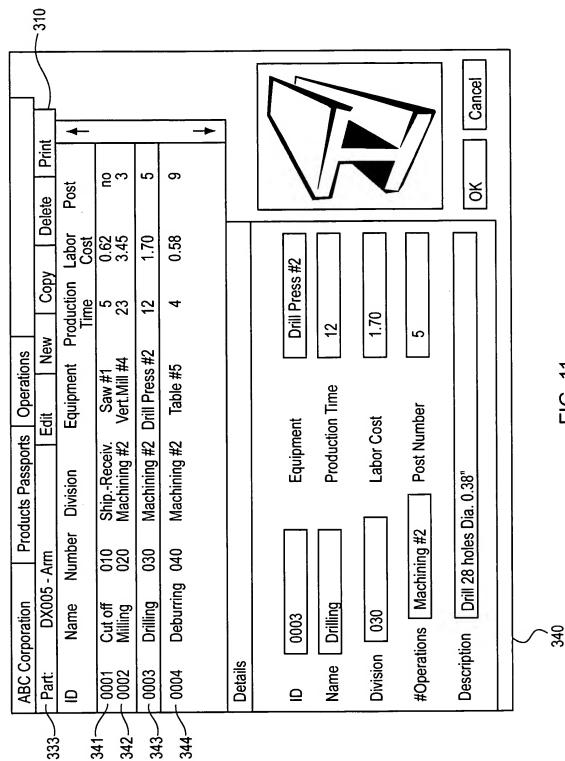


FIG. 11

Table Format Schedule 350

ABC Enterprises Scheduling

				,	_			-		-	-				
	R WEEK Quant.	6250	6250	6250	6250	6250			NEEK	Quant.	6250	6250	6250	6250	6250
4/24-4/28	TOTAL PER WEEK Type Quant.	PR33	XE42	51d	B6W2	B6W2	4/24-4/28		TOTAL PER WEEK	Type	PR33	XE42	PL2	B6W2	B6W2
4/2	7(Quant.	1250	1250	1250	1250	1250	74		ĭ	Quant.	1250	1250	1250	1250	1250
04/28/01	<i>Friday</i> Type	PR33	XE42	PL2	B6W2	B6W2	04/28/01		Friday	Type	PR33	XE42	PL2	B6W2	B6W2
	Quant.	1250	1250	1250	1250	1250				Quant.	1250	1250	1250	1250	1250
04/27/01	Thursday Type	PR33	XE42	PL2	R1B1	R1B1	04/27/01		Thursday	Type	PR33	XE42	PL2	R1B1	R1B1
.	, Quant.	1250	1250	1250	1250	1250	<u> </u>		_	Quant.	1250	1250	1250	1250	1250
04/26/01	Wednesday Type	PR33	XE42	PL2	F2Y7	F2Y7	04/26/01		Wednesday	Type	PR33	XE42	PL2	F2Y7	F2Y7
	Quant.	1250	1250	1250	1250	1250				Quant.	1250	1250	1250	1250	1250
04/25/01	<i>Tuesday</i> Type	PR33	XE42	PL2	F6P2	F6P2	04/25/01		Tuesday	Type	PR33	XE42	PL2	F6P2	F6P2
	Quant.	1250	1250	1250	1250	1250				Quant.	1250	1250	1250	1250	1250
04/24/01	<i>Monday</i> Type	PR33	XE42	PL2	F6U3	F6U3	04/24/01		Monday	Type	PR33	XE42	PL2	F6U3	F6U3
351~FIRST SHIFT		Press Line	Weld Line	_ Trim Line	Paint Line	Packaging Line	352~SECOND SHIFT				Press Line	Weld Line	Trim Line	Paint Line	Packaging Line
351~		361	362~	363	364	365	352~	•			361	362	363	364	365

FIG. 12

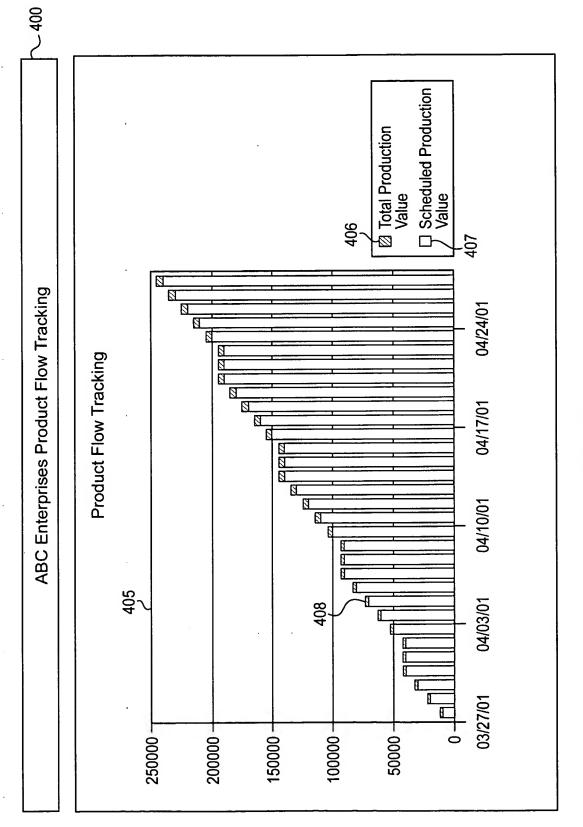


FIG. 13a

410		4)	. 13b
		manufact	418 FIG.
	Tracking	scheduled production value percent 10000 20000 30000 40000 40000 40000 50000 90000 90000 110000 110000 110000 110000 110000 110000 110000 110000 220000 220000 220000 240000	417
•	Enterprises Product Flow Tra	8500 18500 376000 376000 376000 376000 376000 47600 66600 66600 86600 86600 105700 115700 115210 135210 145210 185010 185010 185010 195010 195010	416
•	ABC Ente	daily production value total 8500 10000 9100 10000 10000 9000 10000 9510 10000 9510 10000 9850 9853 10000 10000 10000 9853	415
		date day de 03/27/01 tue 03/28/01 thurs 03/29/01 thurs 03/30/01 fri 03/31/01 sat 04/02/01 mon 04/02/01 mon 04/05/01 tue 04/05/01 tue 04/05/01 tue 04/10/01 tue 04/10/01 tue 04/13/01 fri 04/13/01 fri 04/13/01 tue 04/13/01 tue 04/13/01 tue 04/13/01 tue 04/13/01 tue 04/13/01 tue 04/20/01 fri 04/25/01 sat 04/25/01 tue 04/25/01 tue 04/25/01 fri 04/25/01 tue	414

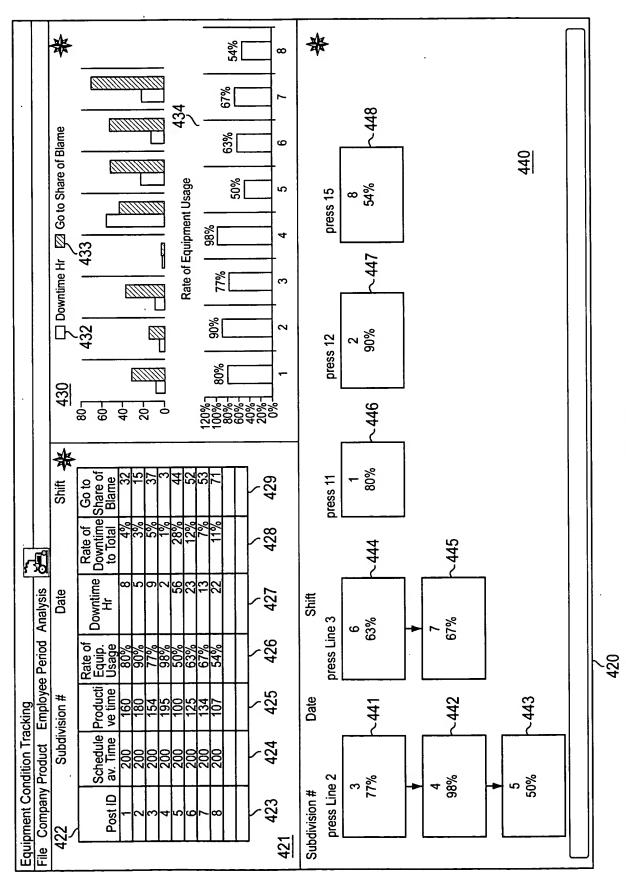


FIG. 14

ABC Enterprises Manufacturing Efficiency and Costing

File Company View Product Employees Period Analysis

151	Subdivision	Scheduled Efficiency	Actual Efficiency	Percent Efficiency
$\frac{1}{2}$	Press Line	.21 man hour/part	.27 man hour/part	-29%
	Weld Line	.25 man hour/part	.32 man hour/part	-28%
	Weld Line	.25 man hour/part	.22 man hour/part	-12%
	Paint Line	.15 man hour/part	.19 man hour/part	-26%
	Assembly Line	.30 man hour/part	.28 man hour/part	%2
	Package Line	.20 man hour/part	.18 man hour/part	10%
		\		<i></i>
	452	453	454	455

FIG. 15a

FIG. 15b

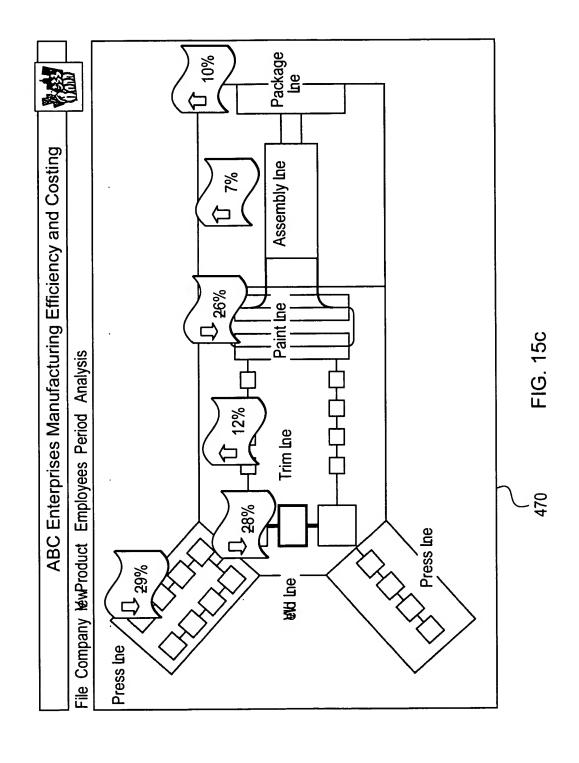


FIG. 16a

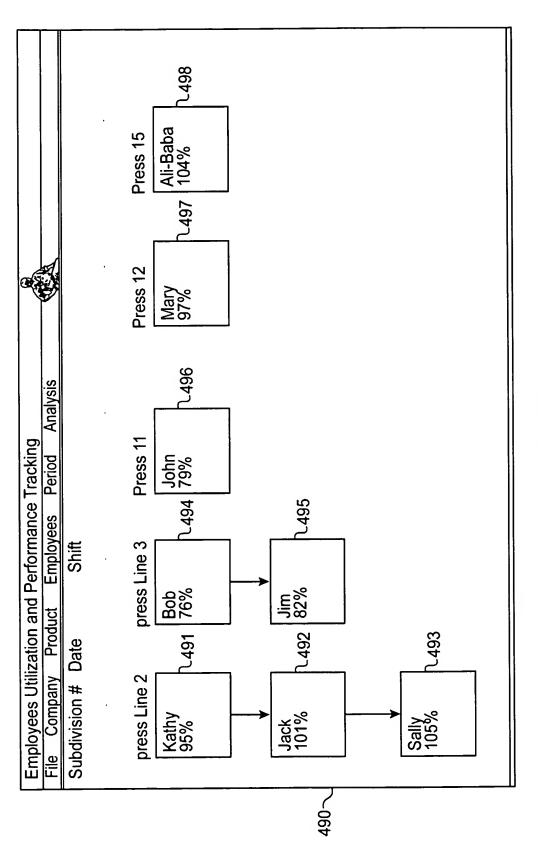


FIG. 16b

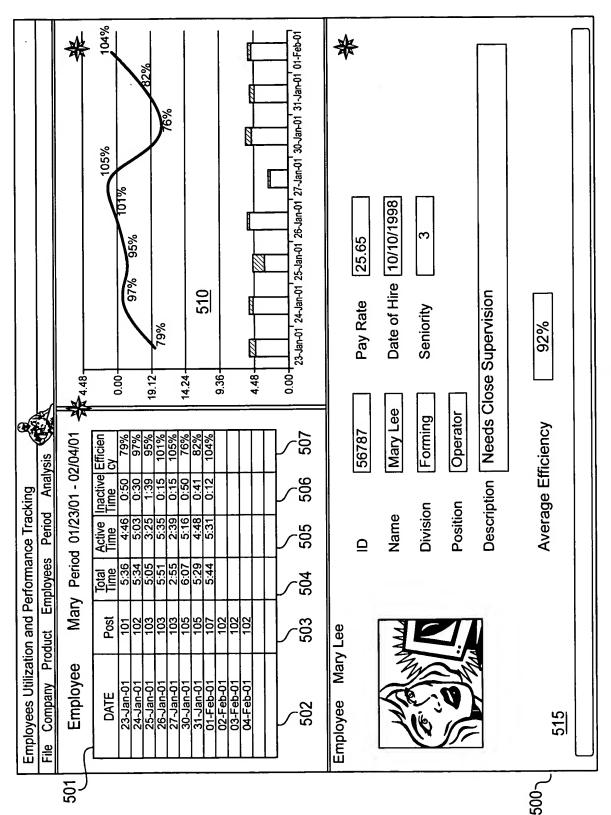


FIG. 16c

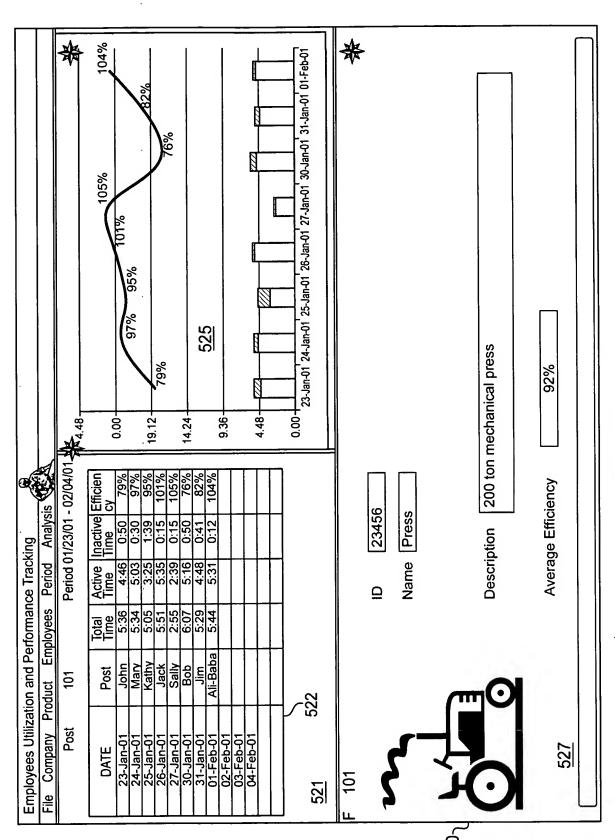


FIG. 16d

FIG. 17a

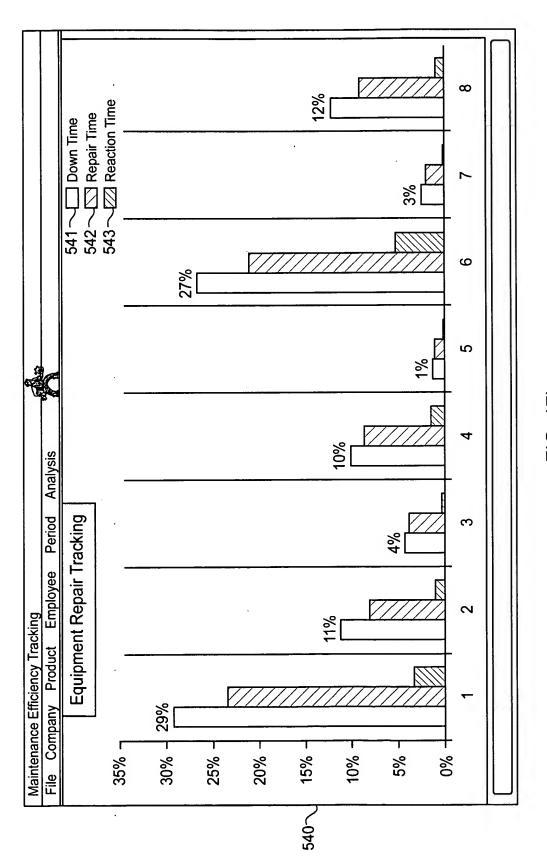


FIG. 17b

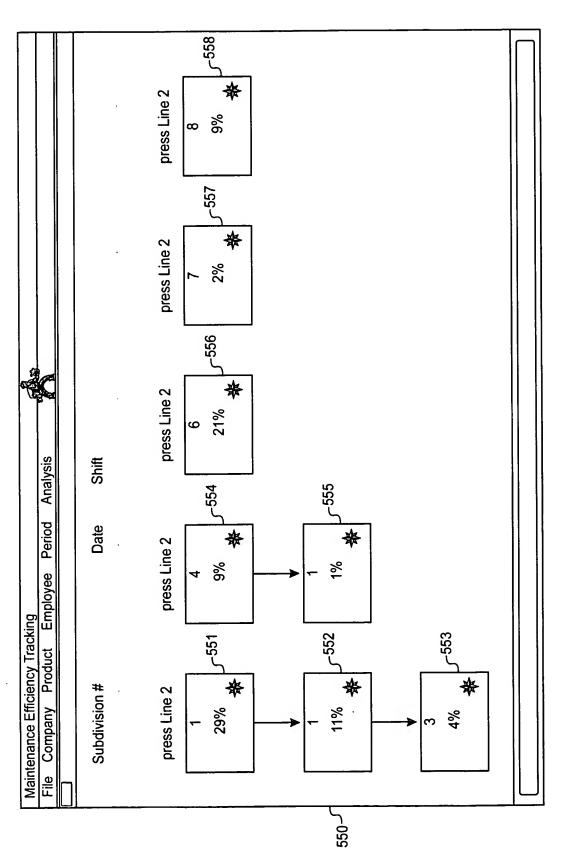


FIG. 17c

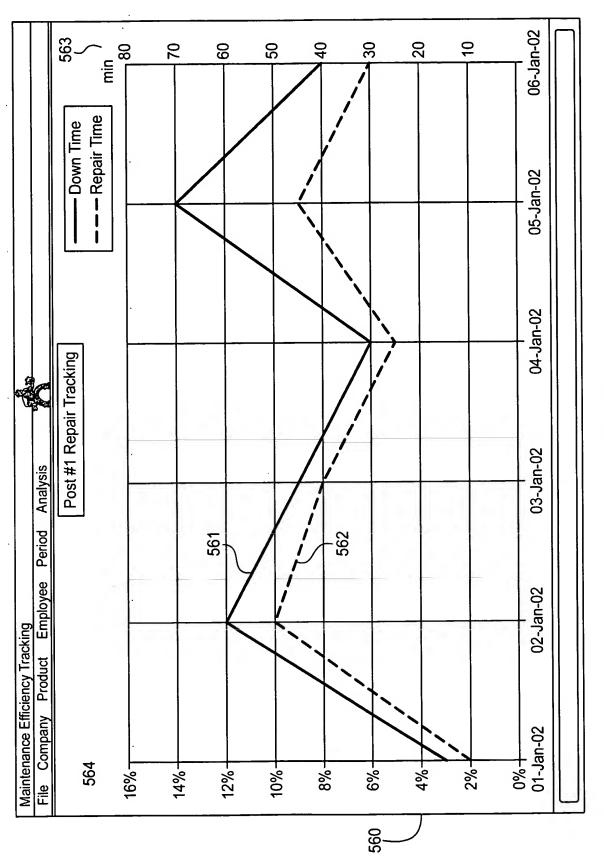


FIG. 17d

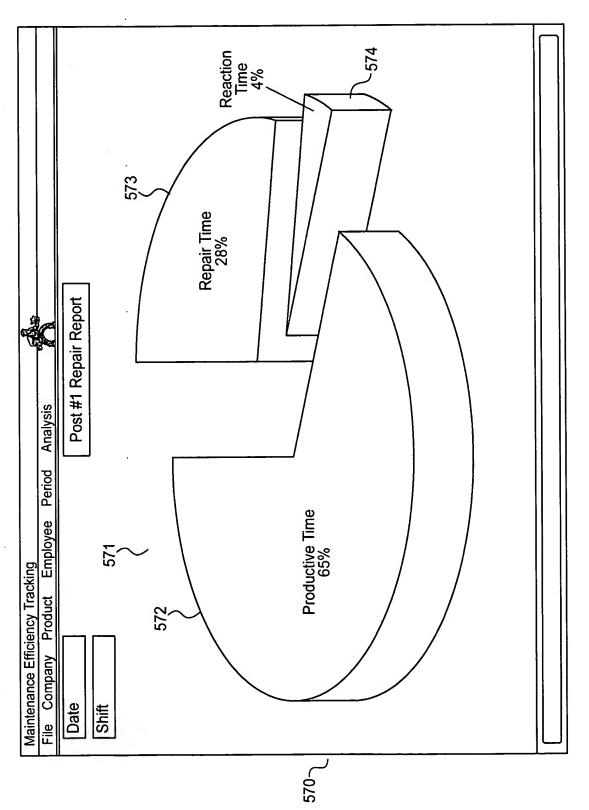


FIG. 17e

580~

FIG. 18a

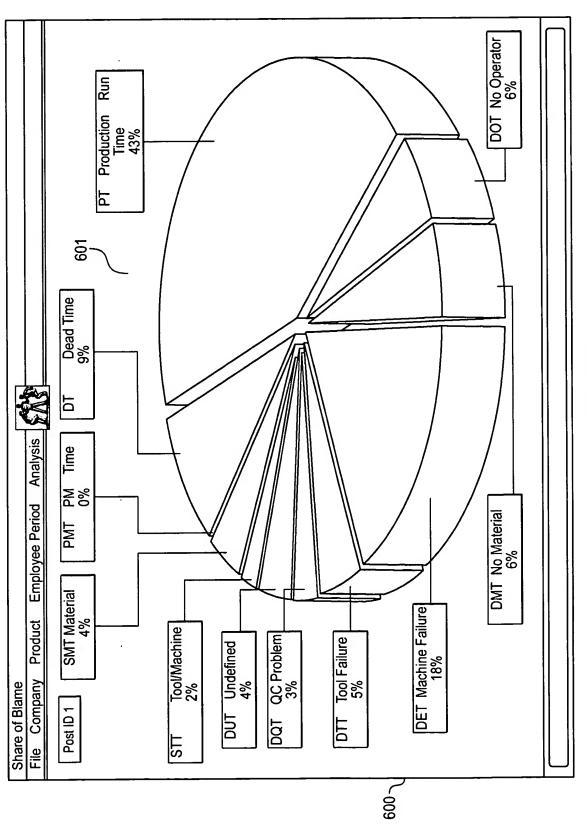
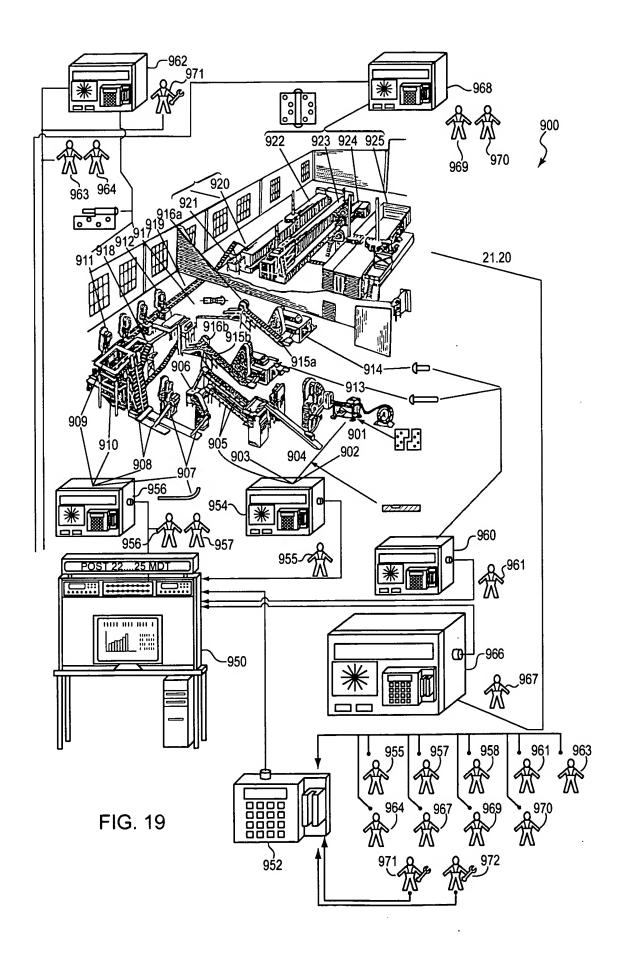


FIG. 18b



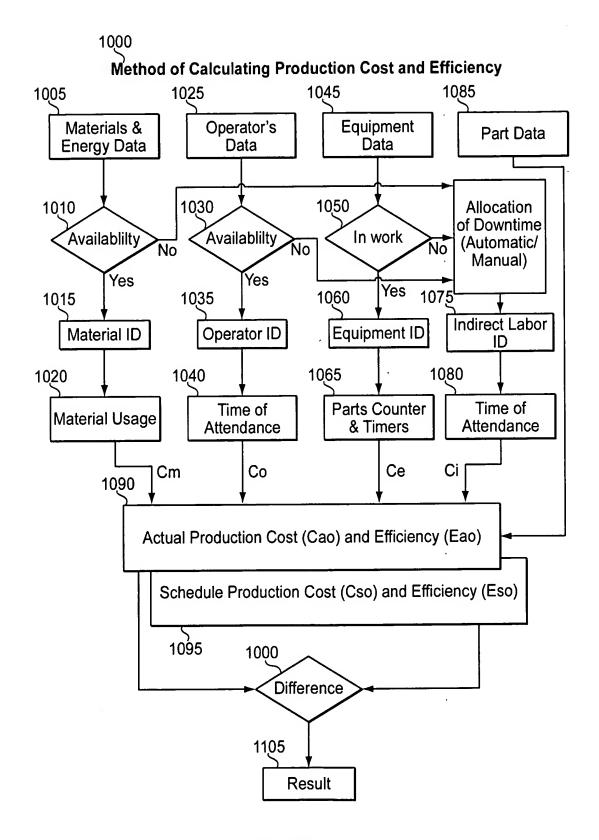


FIG. 20